NRCS Stream Restoration Design Handbook
Needs Analysis Survey

8/01/05

This is to request your assistance in the development of training in the area of stream restoration design. We hope to use the results of this needs analysis survey to evaluate what gaps in current skills of NRCS employees or partners exist related to stream restoration design and how these gaps can be closed with training. The questionnaire provided below will help refine the focus of two different classes to be provided based on the NRCS Stream Restoration Design Handbook (currently in draft stage, will become NEH-654).

Do you believe that there is a need for training in stream stabilization and/or restoration design? [YES] [NO] ***If Yes, please complete the questionnaire below.***

Rate the following from 1 to 5, with 1 indicating little importance and 5, high importance.

STREAM RESTORATION DESIGN: AWARENESS-LEVEL TRAINING

In your state, what is the need for ***awareness*** training in:

	low				high
Awareness-Level Training Need	**1**	**2**	**3**	**4**	**5**
Site assessment and investigation techniques					
Establishing project goals and objectives					
Hydrologic stream gauge analysis techniques					
Channel realignment and reconstruction techniques					
Sediment and stability analysis techniques					
"Soft" bank-protection measures such as soil bioengineering					
Habitat-enhancement techniques such as lunker structures					
"Hard" bank-protection measures such as riprap, and ACBs					
Fish passage and screening measures					
Deflection bank-protection measures such as spurs, vanes, and barbs					
Grade control measures including rock chutes and step pools					
Project maintenance and monitoring issues					
Project implementation issues such as construction and permitting					
Other needs not listed above					

Describe the experience and background of those who would need to receive awareness-level training: _____

_____

_____

_____

_____

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STREAM RESTORATION DESIGN: SPECIFIC AND DETAILED-LEVEL TRAINING

In your state, what is the need for ***specific and detailed*** training in:

	low				high
Specific and Detailed-Level Training Need	**1**	**2**	**3**	**4**	**5**
Site assessment and investigation techniques					
Establishing project goals and objectives					
Hydrologic stream gage analysis techniques					
Channel realignment and reconstruction techniques					
Sediment and stability analysis techniques					
"Soft" bank protection measures such as soil bioengineering					
Habitat enhancement techniques such as lunker structures					
"Hard" bank protection measures such as riprap, and ACBs					
Fish passage and screening measures					
Deflection bank protection measures such as spurs, vanes, and barbs					
Grade control measures including rock chutes and step pools					
Project maintenance and monitoring issues					
Project implementation issues such as construction and permitting					
Other needs not listed above					

Describe the experience and background of those who would need to receive specific and detailed-level training: _____
_____
_____
_____

Describe the type of stream restoration design projects that are currently being undertaken in your state: _____
_____
_____
_____

Describe the type of stream restoration design projects that you anticipate to be undertaken in your state over the next 5 years: _____

Estimate the number of NRCS employees or partners in your state that would need training in the next 2 years: _____

Estimate the number of NRCS employees or partners in your state that would need training in the next 5 years: _____